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(71) Applicant (for all designated States except US): E.L DU PONT DE NEMOURS AND COMPANY [US/US]; 1007 Market Street, Wilmington, DE 19898 (US).

(72) Inventors; and

(75) Inventors/Applicants (for US only): IWATO, Satoko [JP/JP]; 4-27-8 Jingumae, Shibuya-ku, Tokyo 150-0001 (JP). NAKAMURA, Hideo [JP/JP]; 480-2-2 Kiduki Nakahara-ku, Kawasaki-shi, Kanagawa, Tokyo 211-0025 (JP). KAKU, Mureo [JP/JP]; 2-40-7 Toyosatodai, Utsunomiya-shi, Tochigi 320-0003 (JP). KOSUGE, Kazuhiko [JP/JP]; 11-11 Hikawacho, Itabashi-ku, Tokyo 173-0013 (JP).

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(54) Title: ORGANIC FIBERS AND TEXTILE PRODUCTS

(57) Abstract: A high-strength, heat-resistant organic fiber and textile product each comprising or having coated thereon an aqueous emulsion is provided. The emulsion comprises or is produced from a fluorocarbon silane or an emulsion, said emulsion comprises or is produced from (1) a fluorocarbon silane or its hydrolyzate, (2) water, and (3) optionally a surfactant, an alkoxy silane compound, catalyst, or combinations of two or more thereof; said fluorocarbon silane having the formula $R_f(CH_2)_p-Si\{-(O-CH_2-CH_2)_n-OR^1\}_3$; R_f is a C_{3-18} perfluoroalkyl group or combinations of two or more thereof; each R^1 is independently one or more C_{1-3} alkyl groups; p is 2 to 4; and n is 2 to 10. Also disclosed is a process for producing the emulsion, the fiber, and the textile product.